



IFW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 2267.863US01

Bhatt

Confirmation No.: 8715

Application No.: 10/784,322

Examiner: Unknown

Filed: February 23, 2004

Group Art Unit: 1772

For: COMPOSITIONS COMPRISING CARBON NANOTUBES AND ARTICLES
FORMED THEREFROM

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This information is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required.

Application No. 10/784,322

This application was filed after June 30, 2003; therefore, copies of cited U.S. patents and U.S. published applications are not included.

Respectfully submitted,



Brian L. Jarrells
Registration No. 53,067

Customer No. 24113
Patterson, Thunte, Skaar & Christensen, P.A.
4800 IDS Center
80 South 8th Street
Minneapolis, Minnesota 55402-2100
Telephone: (612) 252-1535

Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.

CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

6/17/04
Date of Deposit

Brian L. Jarrells
Brian L. Jarrells



Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/784,322
Filing Date	February 23, 2004
First Named Inventor	Bhatt
Art Unit	1772
Examiner Name	Unknown

Sheet	1	of	2	Attorney Docket Number	2267.863US01
-------	---	----	---	------------------------	--------------

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
		US- 6,331,262	12/18/2001	Haddon et al.
		US- 6,331,265	12/18/2001	Dupire et al.
		US- 6,426,134	07/30/2002	Lavin et al.
		US- 6,428,729	08/06/2002	Bhatt et al.
		US- 6,503,653	01/07/2003	Rock
		US- 6,531,513	03/11/2003	Haddon et al.
		US- 6,677,071	01/13/2004	Yang
		US- 6,683,783	01/27/2004	Smalley et al.
		US- 2001/0031900	10/18/2001	Margrave et al.
		US- 2002/0068170	06/06/2002	Smalley
		US- 2003/0151030	08/14/2003	Gurin
		US- 2003/0158323	08/21/2003	Connell
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		

FOREIGN PATENT DOCUMENTS

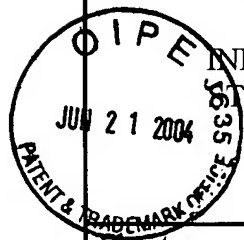
EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
		WO 00/17101 A1	03/30/2000	Margrave et al.	
		WO 01/57284 A1	08/09/2001	Barrera et al.	
		WO 02/55769 A1	07/18/2002	Labovsky et al.	

EXAMINER
SIGNATUREDATE
CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/784,322
Filing Date	February 23, 2004
First Named Inventor	Bhatt
Art Unit	1772
Examiner Name	Unknown
Attorney Docket Number	2267.863US01

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Abstract for R. ANDREWS et al., "Multiwall Carbon Nanotubes: Synthesis and Composite Applications."	
		Abstract for KUMAR, "Films, Fibers, and Coatings from Carbon Nano Tubes, Nano Fibers, and their Composites with Polymers."	
		Abstract for YING et al., "Study on Relationship of Mechanical Properties with Microstructure of PA6/Carbon Nano-Tube Composites."	
		BAHR et al., "Dissolution of Small Diameter Single-Wall Carbon Nanotubes in Organic Solvents?," Chem. Commun., 2001, pp. 193-194.	
		KONG et al., "Synthesis, Integration, and Electrical Properties of Individual Single-Walled Carbon Nanotubes," Appl. Phys. A 69, 305-308 (1999).	
		HU et al., "Determination of the Acidic Sites of Purified Single-Walled Carbon Nanotubes by Acid-Base Titration," Chemical Physics Letters 345 (2001) 25-28.	
		KUZNETSOVA et al., "Oxygen-Containing Functional Groups on Single-Wall Carbon Nanotubes: NEXAFS and Vibrational Spectroscopic Studies," J. Am. Chem. Soc. 2001, 123, 10699-10704.	
		O'LOUGHLIN et al., "Rapid Synthesis of Carbon Nanotubes by Solid-State Metathesis Reactions," J. Phys. Chem. B 2001, 105, 1921-1924.	
		RIGGS et al., "Strong Luminescence of Solubilized Carbon Nanotubes," J. Am. Chem. Soc. 2000, 122, 5879-5880.	
		RINZLER et al., "Large-Scale Purification of Single-Wall Carbon Nanotubes: Process, Product, and Characterization," Appl. Phys. A 67, 29-37 (1998).	
		TEO et al., "Catalytic Synthesis of Carbon Nanotubes and Nanofibers," Encyclopedia of Nanoscience and Nanotechnology, Volume X, 1-6.	
		WEI et al., "Tensile Strength of Carbon Nanotubes Under Realistic Temperature and Strain Rate," Physical Review B 67, 115407 (2003)	
		WONG et al., "Covalently Functionalized Nanotubes as Nanometre-Sized Probes in Chemistry and Biology," Nature, Vol. 394, 52-55 (July 1998).	

EXAMINER SIGNATURE	DATE CONSIDERED
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.